

ABSTRACT OF THE INVENTION

A data-storage disk includes a disk sector for storing data and a servo wedge located at the beginning of the sector. The servo wedge identifies the sector in conjunction with both an initial positioning of a read-write head and a data read or write operation. By using a servo wedge to provide both an initial head position on disk spin up and a head position during a read or write operation, one can increase a disk's data-storage capacity by reducing the number of, or altogether eliminating, spin-up wedges.

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